

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD-ARTESIA
FEB 24 2009FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
BOPCO, L. P.3a. Address
P. O. BOX 2760 Midland TX 797053b. Phone No (include area code)
(432)683-22774. Location of Well (Footage, Sec, T, R, M, or Survey Description)
SESW, 1180 FSL, 1980 FWL, SEC 29, T21S, R28E5. Lease Serial No.
NMLC059365

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No
BIG EDDY #549. API Well No
30-015-2213310. Field and Pool, or Exploratory Area
UNDESIGNATED11. County or Parish, State
EDDY
NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO, L. P. respectfully requests permission to plug and abandon the subject wellbore as follows:

1. MIRU PU & PE. Set open top steel pit for plugging. ND WH & NU 3,000 psi manual BOP for 2-3/8" tbg.
2. Test 2-7/8" x 5-1/2" annulus to check tubing integrity. Circulate w/ 9.5 ppg mud and pull tbg.
3. Set CIBP above PKR @ 11118 and Spot 20 SX Class H Cmt. *25 SX minimum*
4. Spot 30 SX Class H 10530' - 10740'.
5. Spot 30 SX Class H 9590' - 9800'.
6. RU Wireline and freepoint 5-1/2". Cut and pull same from +/- 6225'.
7. Spot 75 SX Class C 6125' - 6325' TAG.
8. Spot 75 SX Class C 5700' - 5900'. *WOC Tag (open hole plug)*
9. Spot 75 SX Class C 3100' - 3300' TAG.
10. Spot 75 SX Class C 2685' - 2885'. *Add 100' plug across DUT (750' - 850')*
11. Spot 75 SX Class C 400' - 600' TAG.
12. Spot 85 SX Class C 0' - 225'.
13. Set P&A marker and remediate location.
14. Use steel tank and haul all fluids.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ann Moore

Title Sr. Regulatory Clerk

Signature

Ann Moore

Date 02/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title

Office

APPROVED

FEB 21 2009

JAMES A. AMOS
SUPERVISOR-EPS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

PROPOSED PLUG AND ABANDON WELLBORE DIAGRAM

Well: Big Eddy Unit #54 **Field:** Indian Flats, Atoka West, (SI GAS, 05/1995) ABA0R95G00
 Big Eddy #54 **Field:** BASS, (P&A. 04/1995) ABA0R2FF00
Location: 1180 FSL & 1980 FWL, Sec 29, T21S, R28E
County: Eddy **St:** NM **API:** 30-015-22133

Surface Csg.

Size: 11 3/4
 Wt: 42
 Grd: H-40
 Set @: 517
 Sxs cmt: 410
 Circ: Y
 TOC: Surf
 Hole Size: 15

Intermediate Csg.

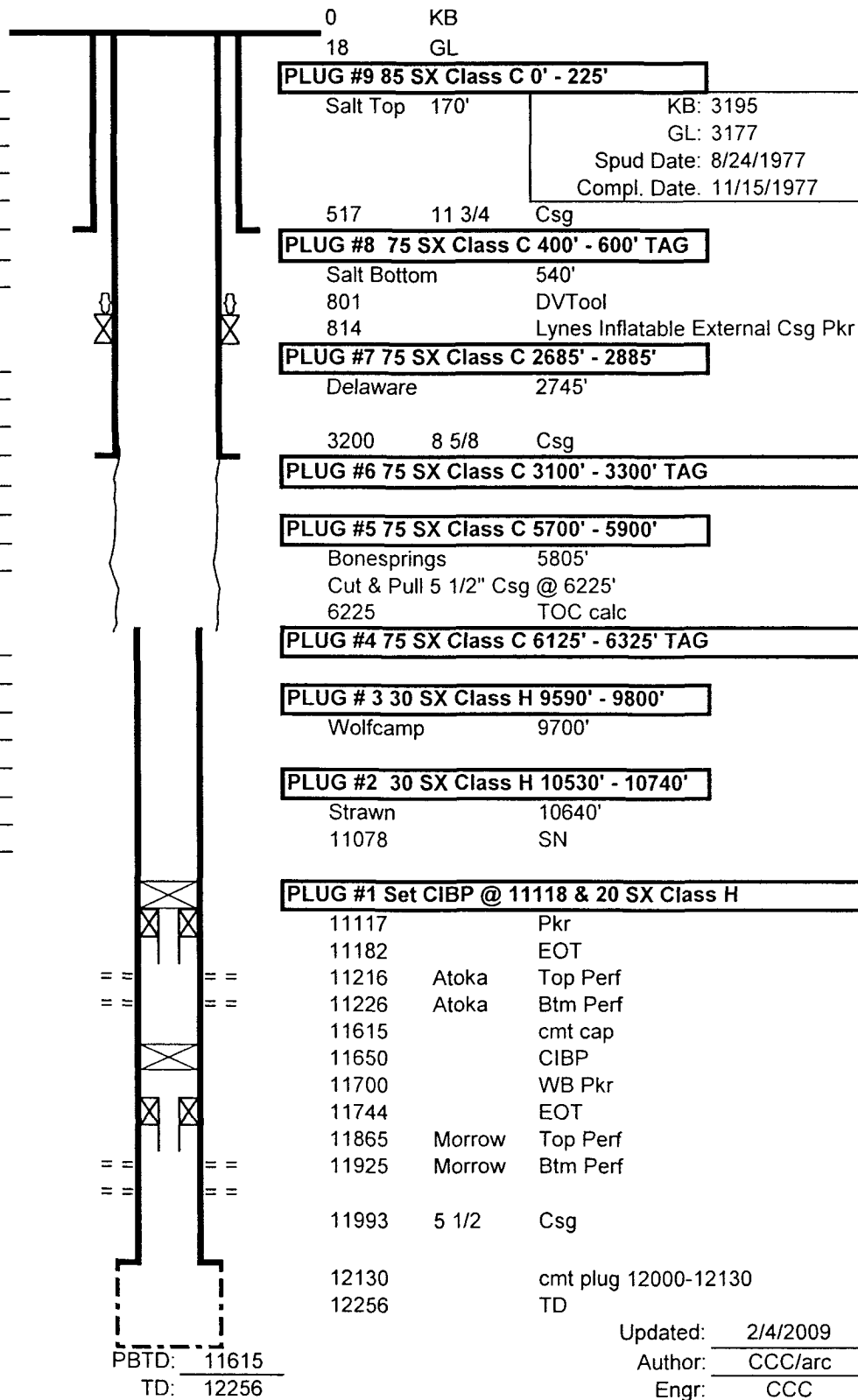
Size: 8 5/8
 Wt: 24/32
 Grd: K-55
 Set @: 3200
 Sxs Cmt: 1400
 Circ: Y
 TOC: Surf
 Hole Size: 11

Production Csg.

Size: 5 1/2
 Wt: 17
 Grd: N80/K55
 Set @: 11993
 Sxs Cmt: 1250
 Circ: ?
 TOC: 6225 calc
 Hole Size: 7 7/8 to 12256

Tubing

354 jts 2 7/8" 6.5# N-80
 3 jts 2 3/8" 4.7# N-80



Updated: 2/4/2009
 Author: CCC/arc
 Engr: CCC

WELL HISTORY

WELL NAME: Big Eddy Unit # 54; Field: Indian Flats, Atoka West, (SI Gas: 05/1995)
Big Eddy # 54; Field: Bass, (P&A: 04/1995)

LOCATION: 1180 FSL & 1980 FWL, Sec 29, T21S, R28E
Eddy County, NM **API: 30-015-22133**

TD:	12256	3195' KB
PBTD:	11615	3177' GL

SPUD DATE: 08/24/1977

COMP DATE: 11/15/1977

Casing					Casing				
CASING:	Size	Wt	Grd	Set Depth	Sxs	Class	TOC	Hole	Hole Depth
	11 3/4	42	H-40	517	410	C	Surf	15	517
	8 5/8	24 32	K-55	3200	1400	Lite C	Surf	11	3200
	5 1/2	17	N-80 K-55	11993	1250	H	6225 calc	7 7/8	12256
LINER:									
OPEN HOLE:									
TUBING:	354 jts 2 7/8" 6.5# N-80, 3 jts 2 3/8" 4.7# N-80								

DST: 09/30/1977: DST #1, 11770-11950
10/01/1977: DST #2, misrun
10/02/1977: DST #3, 11050-11300

CORES & LOGS: Shot 24 sidewall cores, 09/04/1977

DATE	LOG	COMPANY	TOP	BOTTOM
09/04/1977	FDC_CNL-Caliper	Schlumberger		
09/04/1977	DILL-GR	Schlumberger		
09/27/1977	FDC_CNL_GR	Schlumberger		
09/27/1977	Dual Laterolog w/GR	Schlumberger		
09/27/1977	Caliper	Schlumberger		

FORMATION TOPS:	Bone Springs	5805
	Wolfcamp	9700
	Strawn	10640
	Middle Morrow	11810
	Lower Morrow	12000
	Barnett	12190

PRESSURE SURVEY:

11/12/1977 - SI for pressure build up and four point test.
04/11/1995 - ARC Gradient Test

BIG EDDY UNIT # 54
Well History

DRILLING:

Cmt 11 3/4" csg w. 260 sxs Cls "C". Tailed w/ 150 sxs CLs "C"
Lost full returns @ 897
Spot 300 sxs Cls "C" cmt from 860-990,
Continue Drilling w/ no returns. Full Returns by 3000'.
Cmt 8 5/8" csg; stg 1, 950 sxs light. Tailed w/ 200 Cls "C"; stg 2, 150 sxs
Hallilight. Tailed w/ 100 sxs Cls "C".
Spot cmt plug @12130 w/ 85 sxs Cls "H". Tagged TOC @ 11900. Drill
out to 11950.
Spot cmt plug @11466 w/ 75 sxs Cls "H". Tagged TOC @ 11295. Drill
out to 11300.
Drill out cmt plugs to 12000'
Cmt 5 1/2" csg w/ 200 sxs Hallilight, and 1050 sxs Cls "H"

INITIAL COMPLETION:

10/26/1977 Drill cmt to 11964.

10/31/1977 **PERF** 11864-11926
Acidize 11864-11926 w/ 4000 gal 7.5% MS Acid * 1000 SCF N2/bbl.
Dropped 15 ball sealers.

11/15/1977 Kuykendall RIH w/ bottom hole bombs. SI for 72 hr buildup.

WORKOVERS:

03/04/1978 **Acidize** perms w/ 6000 gals 7.5% Morrow Sand Acid and 3600 gals CO2

04/11/1995 ARC Pressure Data: RIH w. 1 Quartz and 1 Amerada Gauge to 11600,
making stops @ 10000, 8000, 6000. BHP 2384. Surface 1802 DWT.

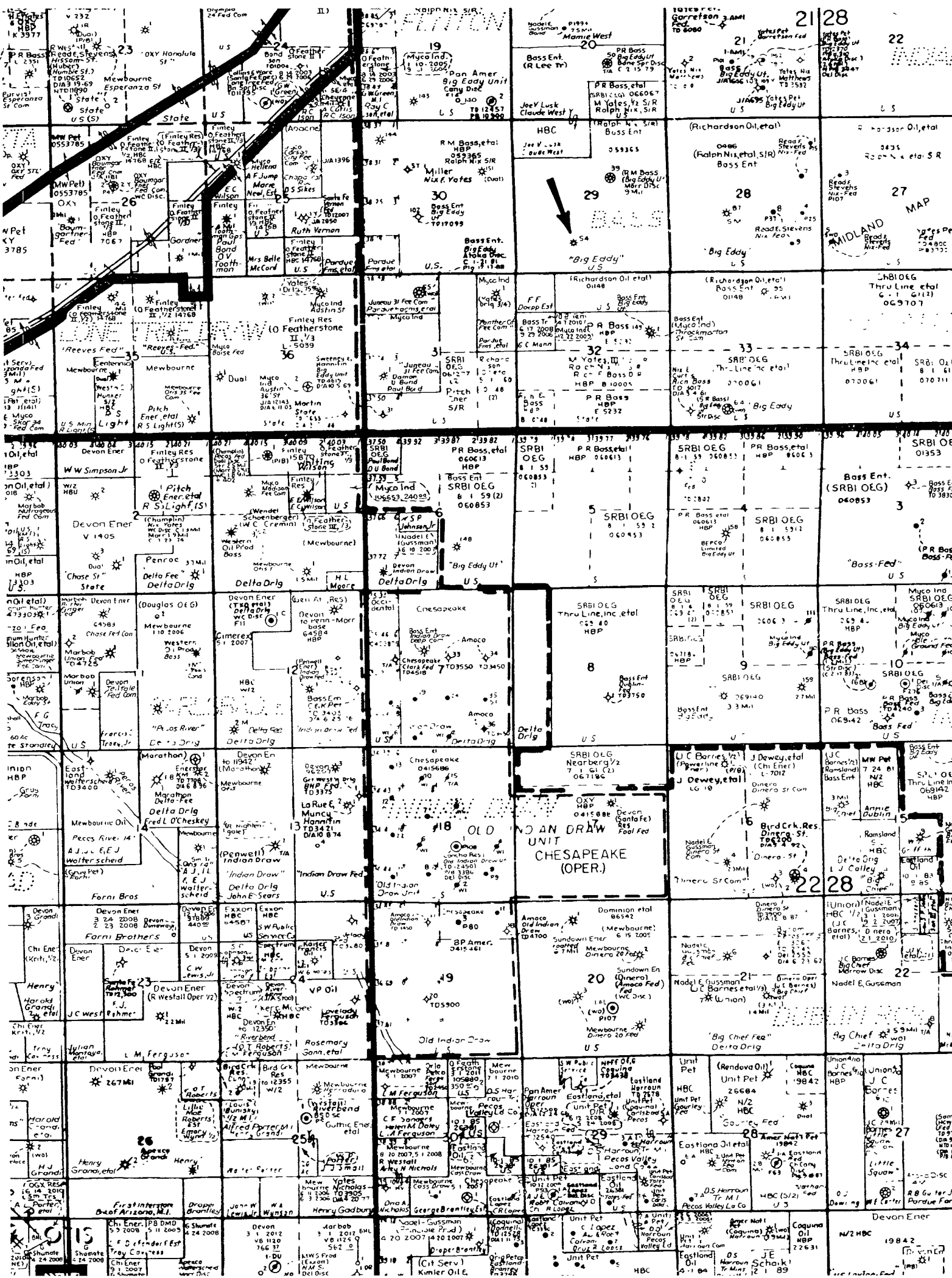
05/02/1995 Set **CIBP** @ 11650 and top w/ 2 sxs Cls "H" cmt. TOC 11615'.

05/05/1995 **Perf** 11216-11226' – 4 JSPF 180 phasing.

05/23/1995 Shut-in Well.

12/07/2000 Csg Pressure Test, csg will not hold. SI.

07/26/2001 Perform MIT to 550 psi for 30 mins, OK.



BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.